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SEQUENCE LISTING

5 <110> Wolosker, Herman  
Takashashi, Maasaki  
Mothet, Jean-Pierre  
Ferris, Christopher  
Snyder, Solomon

10 <120> Mammalian Serine Protease

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Sub  
B1

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20 caggatcttt taagattcgt ggtgctctca atgccgtcag aagcttggtt cctgatgctt 240

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 40 <213> Rat rattus

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&lt;400&gt; 7

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&lt;210&gt; 8

&lt;211&gt; 339

&lt;212&gt; PRT

10 &lt;213&gt; Mus musculus

&lt;400&gt; 8

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 Ile Leu Asn Gln Ile Ala Gly Arg Asn Leu Phe Phe Lys Cys Glu Leu  
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 Arg Gly Leu Ile Pro Asp Thr Pro Glu Glu Lys Pro Lys Ala Val Val  
 65 70 75 80  
 Thr His Ser Ser Gly Asn His Gly Gln Ala Leu Thr Tyr Ala Ala Lys  
 85 90 95  
 25 Leu Glu Gly Ile Pro Ala Tyr Ile Val Val Pro Gln Thr Ala Pro Asn  
 100 105 110  
 Cys Lys Lys Leu Ala Ile Gln Ala Tyr Gly Ala Ser Ile Val Tyr Cys  
 115 120 125  
 Asp Pro Ser Asp Glu Ser Arg Glu Lys Val Thr Gln Arg Ile Met Gln  
 30 130 135 140  
 Glu Thr Glu Gly Ile Leu Val His Pro Asn Gln Glu Pro Ala Val Ile  
 145 150 155 160  
 Ala Gly Gln Gly Thr Ile Ala Leu Glu Val Leu Asn Gln Val Pro Leu  
 165 170 175  
 35 Val Asp Ala Leu Val Val Pro Val Gly Gly Gly Gly Met Val Ala Gly  
 180 185 190  
 Ile Ala Ile Thr Ile Lys Ala Leu Lys Pro Ser Val Lys Val Tyr Ala  
 195 200 205  
 Ala Glu Pro Ser Asn Ala Asp Asp Cys Tyr Gln Ser Lys Leu Lys Gly  
 40 210 215 220

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Glu Leu Thr Pro Asn Leu His Pro Pro Glu Thr Ile Ala Asp Gly Val  
 225 230 235 240  
 Lys Ser Ser Ile Gly Leu Asn Thr Trp Pro Ile Ile Arg Asp Leu Val  
 245 250 255  
 5 Asp Asp Val Phe Thr Val Thr Glu Asp Glu Ile Lys Tyr Ala Thr Gln  
 260 265 270  
 Leu Val Trp Gly Arg Met Lys Leu Leu Ile Glu Pro Thr Ala Gly Val  
 275 280 285  
 Ala Leu Ala Ala Val Leu Ser Gln His Phe Gln Thr Val Ser Pro Glu  
 10 290 295 300  
 Val Lys Asn Val Cys Ile Val Leu Ser Gly Gly Asn Val Asp Leu Thr  
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 15 Val Ser Val

&lt;210&gt; 9

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&lt;212&gt; DNA

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taa

1023

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 Ile Asn Ile Arg Asp Ser Ile His Leu Thr Pro Val Leu Thr Ser Ser  
           20                   25                   30  
 Ile Leu Asn Gln Leu Thr Gly Arg Asn Leu Phe Phe Lys Cys Glu Leu  
           35                   40                   45  
 15       Phe Gln Lys Thr Gly Ser Phe Lys Ile Arg Gly Ala Leu Asn Ala Val  
           50                   55                   60  
 Arg Ser Leu Val Pro Asp Ala Leu Glu Arg Lys Pro Lys Ala Val Val  
           65                   70                   75                   80  
 Thr His Ser Ser Gly Asn His Gly Gln Ala Leu Thr Tyr Ala Ala Lys  
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 Leu Glu Gly Ile Pro Ala Tyr Ile Val Val Pro Gln Thr Ala Pro Asp  
           100                   105                   110  
 Cys Lys Lys Leu Ala Ile Gln Ala Tyr Gly Ala Ser Ile Val Tyr Cys  
           115                   120                   125  
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           130                   135                   140  
 Glu Thr Glu Gly Ile Met Val His Pro Asn Gln Glu Pro Ala Val Ile  
           145                   150                   155                   160  
 Ala Gly Gln Gly Thr Ile Ala Leu Glu Val Leu Asn Gln Val Pro Leu  
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 Val Asp Ala Leu Val Val Pro Val Gly Gly Gly Gly Met Leu Ala Gly  
           180                   185                   190  
 Ile Ala Ile Thr Val Lys Ala Leu Lys Pro Ser Val Lys Val Tyr Ala  
           195                   200                   205  
 35       Ala Glu Pro Ser Asn Ala Asp Asp Cys Tyr Gln Ser Lys Leu Lys Gly  
           210                   215                   220  
 Lys Leu Met Pro Asn Leu Tyr Pro Pro Glu Thr Ile Ala Asp Gly Val  
           225                   230                   235                   240  
 Lys Ser Ser Ile Gly Leu Asn Thr Trp Pro Ile Ile Arg Asp Leu Val  
 40                   245                   250                   255

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Asp Asp Ile Phe Thr Val Thr Glu Asp Glu Ile Lys Cys Ala Thr Gln  
260 265 270  
Leu Val Trp Glu Arg Met Lys Leu Leu Ile Glu Pro Thr Ala Gly Val  
275 280 285  
5 Gly Val Ala Ala Val Leu Ser Gln His Phe Gln Thr Val Ser Pro Glu  
290 295 300  
Val Lys Asn Ile Cys Ile Val Leu Ser Gly Gly Asn Val Asp Leu Thr  
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Ser Ser Ile Thr Trp Val Lys Gln Ala Glu Arg Pro Ala Ser Tyr Gln  
10 325 330 335  
Ser Val Ser Val  
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